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10/806,949	03/23/2004	Eric Edmond Petkus	GCSD-1571 (51393)	2846
74701 7590 12/15/2010 ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST 255 S ORANGE AVENUE SUITE 1401 ORLANDO, FL 32801				
EXAMINER OKEKE, EZUNNA				
ART UNIT 2432		PAPER NUMBER		
NOTIFICATION DATE 12/15/2010		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

creganoa@addmg.com

DETAILED ACTION

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicant's Representative, David Carus, on 10/13/2010.

The application has been amended as follows: Claims 2, 24 and 28 are cancelled and Claims 1, 13, 23 and 27 are amended as follows.

1. (Currently Amended) A cryptographic device comprising:
 - a cryptographic module and a communications module removably coupled thereto;
 - said cryptographic module comprising
 - a first housing,
 - a wired Ethernet user Local Area Network (LAN) interface carried by said first housing,
 - a cryptographic processor carried by said first housing and coupled to said wired Ethernet user LAN interface,
 - a power circuit carried by said first housing and powering said cryptographic processor and said wired Ethernet user LAN interface, and
 - a first connector carried by said first housing and coupled to said cryptographic processor;
 - said communications module comprising
 - a second housing,
 - a second connector carried by said second housing and being removably mateable with said first connector of said cryptographic module, and

a network communications interface carried by said second housing and coupled to said second connector;

said communications module comprising one from among a plurality of interchangeable communications modules each for communicating over a different communications media;

said communications module also being powered by said power circuit.

2. (Cancelled).

13. (Currently Amended) A cryptographic device comprising:

a cryptographic module and a communications module removably coupled thereto;

said cryptographic module comprising

a first housing,

a wired Ethernet user Local Area Network (LAN) interface carried by said first housing,

a cryptographic processor carried by said first housing and coupled to said user LAN interface,

a power circuit carried by said first housing and powering said cryptographic processor and said wired Ethernet user LAN interface,

a tamper circuit for disabling said cryptographic processor based upon tampering with said first housing, and

a first connector carried by said first housing and coupled to said cryptographic processor;

said communications module comprising

a second housing,

a second connector carried by said second housing and being removably mateable with said first connector of said cryptographic module, and

a network LAN interface carried by said second housing and coupled to said second connector;

said communications module comprising a ~~predetermined~~ one from among a plurality of interchangeable communications modules each for communicating over a different communications media;
said communications module also being powered by said power circuit.

23. (Currently Amended) A communications method comprising:
coupling a cryptographic module to a network device, the cryptographic module comprising a first housing, a wired Ethernet user LAN interface carried by the first housing, a cryptographic processor carried by the first housing and coupled to the wired Ethernet user LAN interface, a first connector carried by the first housing and coupled to the cryptographic processor, and a power circuit carried by the first housing;
providing a communications module from among a plurality of interchangeable communications modules each for communicating over a different communications media and comprising a second housing, a second connector carried by the second housing, and a network communications interface carried by the second housing coupled to the second connector, the second connector of the communications module being removably mated with the first connector of the cryptographic module;
using the power circuit to power the cryptographic processor, the wired Ethernet user LAN interface, and the communications module; and
using the network communications interface to communicate with a network.
24. (Cancelled).
27. (Currently Amended) A communications system comprising:
a plurality of network devices coupled together to define a network, and a cryptographic device coupled to at least one of said network devices;
said cryptographic device comprising a cryptographic module coupled to said at least one network device, and a communications module removably coupled to said cryptographic module;
said cryptographic module comprising

a first housing,
a wired Ethernet user LAN interface carried by said first housing,
a cryptographic processor carried by said first housing and coupled to said
wired Ethernet user LAN interface,
a power circuit carried by the first housing and powering the
cryptographic processor and the wired Ethernet user LAN interface, and
a first connector carried by said first housing and coupled to said
cryptographic processor;
said communications module comprising
a second housing,
a second connector carried by said second housing and being removably
mateable with said first connector of said cryptographic module, and
a network communications interface carried by said second housing and
coupled to said second connector;
said communications module comprises a predetermined one from among a
plurality of interchangeable communications modules each for communicating over a
different communications media;
said communications module also being powered by said power circuit.

28. (Cancelled).

Allowable Subject Matter

1. Claims 1, 3-6, 8-16, 19-23, 25-27, 29-30 and 32-35 are allowed.

Examiner's Statement of Reasons for Allowance

2. The following is an examiner's statement of reasons for allowance:

With reference to independent claims 1, 13, 23 and 27, Claim 1 recites a cryptographic device comprising a cryptographic module and a communications module removably coupled together wherein the cryptographic module comprises a first housing which comprises a wired

Ethernet Interface carried by the first housing, a cryptographic processor carried by the first housing and coupled the wired Ethernet Interface, a power circuit carried by the first housing which powers the cryptographic processor and the Ethernet Interface and a first connector carried by the first housing and coupled to the cryptographic processor. A second housing which comprises a second connector carried by the second housing and being removable mateable with the first connector of the cryptographic module and a network communication interface carried by the second housing. The communication module also comprises one from among a plurality of interchangeable communication modules for communicating over a different communication media and also powered by the power circuit.

Dumont (EP 0891112) teaches a communication device with a removable cryptographic module for securing communications. Dumont teaches this communication device as a portable telephone with an attachable encryption/decryption unit. However, the present invention does not teach the device as a portable telephone but rather as a cryptographic device having a cryptographic module comprising a first housing and a communication module comprising a second housing. Dumont also fails to anticipate the power circuit of the instant claim which is carried by the first housing and used to power the cryptographic and communications module. Dumont also fails to anticipate the communication module comprising a plurality of interchangeable communication modules for communicating over different communication media as recited in claim 1. **Dhir, Jones and Dellmo** do not remedy the deficiencies of Dumont and the combination of **Dumont, Dhir, Jones and Dellmo** in one way or the other fail to anticipate the invention as recited in claim 1 especially the power circuit carried by the first housing of the cryptographic device (used for powering the cryptographic and communication

modules) and the communication module comprising a plurality of interchangeable communication modules for communicating over different communications media.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to IZUNNA OKEKE whose telephone number is (571)270-3854. The examiner can normally be reached on 9:00am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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